

**IFWO** 

**RAW SEQUENCE LISTING**PATENT APPLICATION: **US/10/815,480**DATE: 07/27/2004

TIME: 12:45:29

Input Set : A:\-2-3.app

Output Set: N:\CRF4\07272004\J815480.raw

3 <110> APPLICANT: Young, Karen K. Y. Roche Molecular Systems, Inc. 6 <120> TITLE OF INVENTION: Compositions and Methods for Detecting Certain Flaviviruses, Including Members of the Japanese Encephalitis Virus Serogroup 10 <130> FILE REFERENCE: 022101-000230US 12 <140> CURRENT APPLICATION NUMBER: US 10/815,480 13 <141> CURRENT FILING DATE: 2004-03-31 15 <150> PRIOR APPLICATION NUMBER: US 60/459,491 16 <151> PRIOR FILING DATE: 2003-03-31 18 <150> PRIOR APPLICATION NUMBER: US 60/552,454 19 <151> PRIOR FILING DATE: 2004-03-12 21 <150> PRIOR APPLICATION NUMBER: US 60/555,530 22 <151> PRIOR FILING DATE: 2004-03-22 24 <160> NUMBER OF SEO ID NOS: 74 26 <170> SOFTWARE: PatentIn Ver. 2.1 28 <210> SEQ ID NO: 1 29 <211> LENGTH: 25 30 <212> TYPE: DNA 31 <213> ORGANISM: Artificial Sequence 33 <220> FEATURE: 34 <223> OTHER INFORMATION: Description of Artificial Sequence: region of conserved sequence in 3' untranslated region of 36 the genomes of flaviviruses 38 <400> SEQUENCE: 1 39 gtaagccctc agaaccgtct cggaa 25 42 <210> SEQ ID NO: 2 43 <211> LENGTH: 25 44 <212> TYPE: DNA 45 <213> ORGANISM: Artificial Sequence 47 <220> FEATURE: 48 <223> OTHER INFORMATION: Description of Artificial Sequence:complement to 49 SEO ID NO:1 51 <400> SEQUENCE: 2 52 ttccgagacg gttctgaggg cttac 25 55 <210> SEQ ID NO: 3 56 <211> LENGTH: 26 57 <212> TYPE: DNA 58 <213> ORGANISM: Artificial Sequence 60 <220> FEATURE: 61 <223> OTHER INFORMATION: Description of Artificial Sequence: Japanese encephalitis virus serogroup Primer 1 64 <220> FEATURE:

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                     Output Set: N:\CRF4\07272004\J815480.raw
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     66 <222> LOCATION: (8)
     67 <223> OTHER INFORMATION: n = t or absent
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Input Set : A:\-2-3.app

Output Set: N:\CRF4\07272004\J815480.raw

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DATE: 07/27/2004

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## Input Set : A:\-2-3.app Output Set: N:\CRF4\07272004\J815480.raw 274 <212> TYPE: DNA 275 <213> ORGANISM: Artificial Sequence 277 <220> FEATURE: 278 <223> OTHER INFORMATION: Description of Artificial Sequence:probe for detecting flaviviruses 281 <220> FEATURE: 282 <221> NAME/KEY: modified base 283 <222> LOCATION: (25) 284 <223> OTHER INFORMATION: n = g, c, t, a or absent 286 <220> FEATURE: 287 <221> NAME/KEY: modified base 288 <222> LOCATION: (26) 289 <223> OTHER INFORMATION: n = c, t, q or absent 291 <220> FEATURE: 292 <221> NAME/KEY: modified\_base 293 <222> LOCATION: (27) 294 <223> OTHER INFORMATION: n = q, c, a, t or absent 296 <220> FEATURE: 297 <221> NAME/KEY: modified base 298 <222> LOCATION: (28) 299 <223> OTHER INFORMATION: n = g, c, a, t or absent 301 <400> SEQUENCE: 18 W--> 302 ggwctagwgg ttagaggaga cccynnnn 28 305 <210> SEQ ID NO: 19 306 <211> LENGTH: 28 307 <212> TYPE: DNA 308 <213> ORGANISM: Artificial Sequence 310 <220> FEATURE: 311 <223> OTHER INFORMATION: Description of Artificial Sequence: probe for detecting Japanese encephalitis virus serogroup 312 313 members 315 <400> SEQUENCE: 19 316 ggactagwgg ttagaggaga ccccrykk 28 319 <210> SEQ ID NO: 20 320 <211> LENGTH: 28 321 <212> TYPE: DNA 322 <213> ORGANISM: Artificial Sequence 324 <220> FEATURE: 325 <223> OTHER INFORMATION: Description of Artificial Sequence:probe for detecting West Nile virus 328 <400> SEQUENCE: 20 329 ggactagwgg ttagaggaga ccccrcgk 2.8 332 <210> SEQ ID NO: 21 333 <211> LENGTH: 28 334 <212> TYPE: DNA 335 <213> ORGANISM: Artificial Sequence 337 <220> FEATURE: 338 <223> OTHER INFORMATION: Description of Artificial Sequence:probe for detecting Japanese encephalitis virus

RAW SEQUENCE LISTING

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/27/2004
PATENT APPLICATION: US/10/815,480 TIME: 12:45:31

Input Set : A:\-2-3.app

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## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 8
Seq#:4; N Pos. 8
Seq#:5; N Pos. 8
Seq#:11; N Pos. 1/1
Seq#:18; N Pos. 25,26,27,28
Seq#:34; N Pos. 384
Seq#:42; N Pos. 27
Seq#:43; N Pos. 26,27
Seq#:45; N Pos. 27
Seq#:46; N Pos. 26,27
Seq#:48; N Pos. 27
Seq#:49; N Pos. 26,27
Seq#:51; N Pos. 24
Seq#:52; N Pos. 23,24
Seg#:54; N Pos. 25
Seq#:55; N Pos. 24,25
Seq#:57; N Pos. 28
Seg#:58; N Pos. 27,28
Seq#:60; N Pos. 26
Seq#:62; N Pos. 24
Seq#:63; N Pos. 23,24
Seq#:65; N Pos. 25
Seq#:67; N Pos. 23
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## VERIFICATION SUMMARY

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Input Set : A:\-2-3.app

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L:88 \ M:341 \ W: \ (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:360
L:706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
L\!:\!922 M\!:\!341 W\!: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:976 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:1084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:1115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:1146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
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